



## **Clean Water Revolving Fund 2017 Intended Use Plan**

### **I. Introduction**

The federal Clean Water Act authorizes the Clean Water State Revolving Fund program to provide funds to states to finance water pollution control projects. Under the Act, the U.S. Environmental Protection Agency awards annual capitalization grants to each state to capitalize a state revolving fund, which the state can then use to provide financing for point source (wastewater and stormwater) and nonpoint source water pollution control projects. As part of its capitalization grant application, each state must annually prepare an Intended Use Plan (IUP) that describes the intended uses of the available funds.

The Minnesota Legislature has established the Clean Water Revolving Fund (CWRF) under Minnesota Statutes Section 446A.07 to receive federal capitalization grants and state matching funds. The Minnesota Public Facilities Authority (PFA) is responsible for managing the Fund and its assets. The PFA is authorized to prepare the annual IUP based on the Project Priority List prepared by the Minnesota Pollution Control Agency (MPCA). The PFA is also responsible for the financial administration of the point source (wastewater and stormwater) program through which the PFA purchases the general obligation bonds of local governments to finance eligible projects, transactions which are commonly referred to as loans. The PFA's responsibilities include reviewing financing applications, setting the financing rates, terms and conditions, and selling revenue bonds to leverage additional funds. In addition to preparing the Project Priority List, the MPCA is responsible for reviewing wastewater and stormwater projects to ensure they meet technical and environmental requirements. Nonpoint source loan programs are administered by the MPCA, the Department of Agriculture, and the Department of Employment and Economic Development.

The 2017 IUP identifies projects and activities the PFA intends to fund from the Clean Water Revolving Fund in state fiscal year (FY) 2017 (July 1, 2016 to June 30, 2017). To fund these projects and activities, the PFA will use a combination of funds from federal capitalization grants, state matching funds, loan repayments and, if necessary, PFA revenue bond proceeds.

At this time the Minnesota Legislature has not appropriated the required state matching funds for the 2017 federal capitalization grant. The 2017 DRAFT IUP is based on the assumption that the PFA will not receive state matching funds or a federal capitalization grant in FY 2017.

## **II. Point Source (Wastewater and Stormwater) Program**

### *A. Project Priority List*

The Project Priority List (PPL) prepared by the MPCA identifies wastewater and stormwater projects that are potentially eligible to receive a CWRP loan over the next five years. Projects are listed in priority order based on a priority point system established by the MPCA in Minnesota Rules parts 7077.0100 to 7077.0121. The FY 2017 PPL contains 307 projects with a total estimated cost of \$1.5 billion, and is attached as an Appendix.

### *B. Placement on the IUP*

The Intended Use Plan (IUP) identifies projects on the PPL that are eligible to apply for and receive CWRP loans in FY 2017. The IUP is prepared by the PFA in accordance with Minnesota Statutes Section 446A.07, Subdivision 4 and Minnesota Rules Part 7380.0422. For a project to be placed on the IUP, the PFA must receive a written request signed by an official of the municipality (city, township, county, or district) that will be the borrower for the loan. The request must include a schedule indicating that the applicant expects the project to receive all necessary approvals and proceed to the point of receiving a CWRP loan within approximately one year from the approval of the 2017 IUP. Applicants seeking construction loans must have received preliminary approval of their wastewater facilities plan or stormwater project plan by the MPCA for their projects to be eligible for placement on the IUP.

Eligibility for placement on the IUP does not guarantee a project will receive a CWRP loan. Minnesota has significant clean water infrastructure needs and the PFA must balance loan demand and lending capacity by setting a fundable range for projects on the current IUP in order to also preserve lending capacity for future needs. A municipality with a project in the IUP fundable range must complete the loan application process with the PFA and receive project certification from the MPCA under the provisions of Minnesota Rules part 7077.0281 before a CWRP loan can be approved.

An approved IUP remains effective until the following year's IUP is approved. A project listed in the IUP fundable range that does not receive a loan but submits a loan application to the PFA and is certified by the MPCA by June 30, 2017 will be carried over in the fundable range on the next IUP.

### *C. Draft IUP and Public Comment*

In January 2016, a notice was sent to all municipalities in the state with information about the CWRP program, including instructions on how to request placement on the PPL and IUP. Based on the requests received, a draft 2017 IUP was presented to the PFA Board on August 26, 2016. The PFA Board approved the fundable range for the 2017 IUP (see paragraph D below) and authorized the draft IUP to be made available for public comment. Public comments on the draft 2017 IUP will be accepted through September 23, 2016. Following a review of the comments received and any appropriate changes, the PFA expects to approve the 2017 IUP on or about September 30, 2016.

*D. IUP Project List*

The 2017 IUP project list is shown as Table 1 on pages 13-15 and is divided into two parts.

Part A lists 37 carryover projects totaling \$103 million in requested CWRP financing. The Part A projects were previously listed in fundable range on the 2016 IUP and qualify as carryover projects on the 2017 IUP because they have submitted loan applications to the PFA and were certified for funding by the MPCA by June 30, 2016. These projects are eligible to receive CWRP loans in FY 2017 and the PFA will award funding when each project completes the application and bidding process. Many of the carryover projects are Metropolitan Council Environmental Services (MCES) projects which include a number of subprojects because of how the PFA provides financing to MCES. In order to limit the impact on the Fund in a given year, financing for MCES projects is based on cash flow needs for a period of approximately twelve months, rather than making a loan for the total eligible project costs. Based on the MCES IUP request and their estimated cash flow needs for eligible carryover projects, the PFA expects to provide a loan of \$37.3 million to the MCES in FY 2017.

Part B lists 43 new IUP project requests totaling \$189 million in requested financing. Eleven additional requests for \$73 million were submitted (Hoyt Lakes, Winthrop, Dresbach Township, Saint Cloud, Cologne, Twin Valley, Saint James (stormwater), Staples, Appleton, Long Prairie and Northfield) but are not eligible for listing at this time because their facility plans or stormwater plans have not received preliminary approval by the MPCA. If the MPCA is able to issue preliminary approval for some or all of these projects during the comment period, they will be added to Part B. Two other IUP requests (Lake Henry and Onamia) are being referred to USDA Rural Development and are not being placed on the 2017 IUP at this time.

Due to the lack of a state appropriation for state matching funds and the resulting uncertainty regarding future state and federal support for the CWRP, the PFA is not able to establish a fundable range for new project requests at this time. If the required state matching funds are appropriated in the future, the 2017 IUP may be amended as described below.

*E. Possible IUP Amendment*

If the PFA receives an appropriation for state matching funds in FY 2017, the PFA may amend the 2017 IUP to establish a fundable range for new projects based on the IUP requests received in Table 1, Part B and potential additional projects on the 2017 PPL that meet the requirements below. To be considered for an IUP amendment, a project must have its wastewater facilities plan or stormwater project plan approved by MPCA, have secured all other necessary funding, and show that it will be ready to proceed with construction before the 2018 IUP is expected to be approved. Applicants that would like their projects to be considered for an IUP amendment are advised to keep their PFA loan officer informed of the status of their project.

#### *F. Loan Application Requirements and Deadlines*

All projects in Part A have met the loan application submittal deadlines and have previously submitted plans and specifications to the MPCA. If an IUP amendment is approved in the future, new projects in the fundable range will have six months from the amendment approval date to submit a loan application to the PFA and plans and specifications to the MPCA.

#### *G. Loan Terms and Conditions*

Terms and conditions for CWRF loans are determined pursuant to Minnesota Statutes Section 446A.07 and Minnesota Rules Part 7380.0430. Construction loans are not awarded until as-bid construction costs are submitted to the PFA. Interest rates are set at the time a loan is made according to Minnesota Rules Part 7380.0442. Interest rates are based on the greater of the current bond market rates for tax-exempt municipal bonds as determined by a daily index, or the bond yield scale of the PFA's bonds, if PFA bond proceeds are available. For projects that receive loan awards after the 2017 IUP is approved, the PFA has set a base discount of 1.5% that will be applied to the appropriate bond yield scale for loans up to \$40 million. The base discount for loans over \$40 million will be reduced by 1.25 basis points (.0125%) for each \$1 million over \$40 million. Additional discounts up to 2.5% may be applied for borrowers under 2,500 population as described in Minnesota Rules Part 7380.0442, Subpart 3B. The minimum interest rate under PFA rules is 1 percent.

### **III. Federal Requirements**

A number of federal requirements apply to projects funded through the CWRF program. In May 2014, Congress approved amendments to the Clean Water Act which included several new and modified requirements. The PFA and MPCA will work with applicants to ensure compliance with applicable program requirements in the most efficient manner possible.

#### *A. Principal Forgiveness*

The PFA received the 2016 federal clean water capitalization grant in June 2016. The 2016 federal grant is \$24,558,000 and requires a portion of the funds, 10% (\$2,458,800), be used to provide additional subsidization to eligible projects which may include green infrastructure projects and projects with affordability needs.

The PFA provides additional subsidization to eligible projects in the form of principal forgiveness grants, meaning a specific dollar reduction in the amount of loan principal that must be repaid, which is granted at the time a CWRF financing agreement is awarded. Minnesota Statutes, Section 446A.07, Subdivision 8 authorizes the PFA to provide principal forgiveness to the extent permitted under federal law for the following purposes and projects:

- 1) Green Infrastructure Projects. Principal forgiveness funds may be granted to projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. The principal forgiveness amount is limited to 25 percent of the eligible project cost as determined by the MPCA, up to a maximum of \$1,000,000.

- 2) **Affordability Needs.** Principal forgiveness funds may be granted to projects to address affordability needs, using the same criteria and requirements established for the state Wastewater Infrastructure Funding (WIF) program under Minnesota Statutes, Section 446A.072. Under the WIF criteria, principal forgiveness funds may be granted to a CWRP project if the average annual residential wastewater system cost would otherwise exceed 1.4 percent of the median household income (MHI) of the project service area. The amount of principal forgiveness is limited to 80 percent of the system costs over 1.4% of MHI. The amount of principal forgiveness is limited to a maximum of 4,000,000 or \$15,000 per connection, whichever is less, and not to exceed 80 percent of the total project cost. In addition, the WIF criteria limits assistance to that portion of a project needed to address existing wastewater needs as opposed to growth-related needs. Based on a determination during project review of existing vs. design flows and loadings, the MPCA calculates an Essential Project Component (EPC) percentage that represents the portion of the project needed for existing users vs. projected growth. An EPC of less than 100% reduces the project costs eligible for WIF or principal forgiveness, thereby reducing the grant award. In this way the criteria used to calculate WIF and principal forgiveness awards take into consideration the population trend of a community, limiting financial assistance for high growth communities.

In accordance with federal requirements, unemployment data will be considered as a secondary factor after the WIF criteria for federal principal forgiveness funds for affordability needs. To the extent possible, PFA will direct federal principal forgiveness funds to eligible projects whose county unemployment rate for the most recent full calendar year is higher than the state's unemployment rate for the same period.

As shown in the table below, PFA will reserve principal forgiveness funds from the 2016 federal capitalization grant, along with remaining funds available from the 2015 federal grant, to provide principal forgiveness grants for eligible carryover projects in priority order that meet green infrastructure criteria (see Section III B, below) or the affordability criteria described above. Any remaining or new principal forgiveness funds will be used to fund other eligible projects in priority order.

**Principal Forgiveness Funds Reserved for Projects on the 2017 IUP**

2017 PPL		Project	Total Project Cost	Estimated CWRP 2015	Estimated CWRP 2016	CWRP Loan
Rank	Project Name			Fed PF Funds	Fed PF Funds	
3	WLSSD - Interceptor Imp (Affordability)	Ph 4, Scanlon interceptor rehab	\$ 4,964,309	\$ -	\$ 1,747,437	\$ 3,216,872
47	Afton (GPR)	Unsewered, collection and treatment	\$ 7,178,395	\$ 785,277	\$ 214,723	\$ 3,178,396
106	Walker (Affordability)	Rehab Collection System	\$ 3,305,790	\$ -	\$ 143,702	\$ 3,162,088
154	Afton Stormwater (GPR)	Downtown stormwater treatment areas	\$ 1,339,753	\$ -	\$ 349,938	\$ 989,815
Total			\$ 16,788,247	\$ 785,277	\$ 2,455,800	\$10,547,171
Available Balance				\$ -	\$ -	

*B. Green Project Reserve (GPR)*

The 2016 federal capitalization grant requires that not less than 10 percent (\$2,455,800) of the funds be used for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities, to the extent that eligible projects are available. The U.S. Environmental Protection Agency uses the term “Green Project Reserve” (GPR) to refer to this requirement. For projects funded up to the required amount, and to the extent principal forgiveness funds are available, PFA financing will include principal forgiveness grants for 25 percent of the GPR eligible costs as determined by the MPCA, up to \$1,000,000. The balance of the project financing will be provided as a CWRf loan under the terms and conditions described in paragraph H. In addition, many of the projects funded through the nonpoint source programs described in Section V (pp. 8-9) meet the GPR criteria.

A solicitation for GPR projects was included in the public notice regarding point source project proposals for the 2017 PPL and IUP which was sent to all municipalities in January 2016 by the MPCA. Table 1 (pp. 13-15) identifies the estimated GPR eligible cost (as determined by the applicant) for projects on the 2017 IUP. GPR eligibility will be verified by the MPCA during the plan and specification review process. Two carryover GPR projects are anticipated to move ahead to construction this year.

**IV. Summary of FY 2016 Project Activity**

A total of 78 projects on the 2016 PPL totaling \$168.5 million were funded in FY 2016 through the coordinated efforts of the PFA (through the CWRf, WIF, and Clean Water Legacy Fund programs), USDA Rural Development, Small Cities Development Program, Board of Water and Soil Resources and the Iron Range Resources and Rehabilitation Board.

## Point Source Projects Funded In FY 2016

Project Name	PPL Points	Project Description	Project Cost (\$)	CWSRF Loan (\$)	CWSRF PF (\$)	Other Funding (\$)	Other Source
Amador Twp - Almelund SSD	32	Unsewered, potential SSTS	411,230	-	-	411,230	SmComm,BWSR
Annandale	39	Rehab collection system	626,795	125,359	-	501,436	WIF
Atwater	48	Rehab collection, Ph 2	1,144,795	1,144,795	-	-	
Big Lake	36	Expand WWTF, advanced treatment	1,192,700	-	-	1,192,700	PSIG, City
Climax	49	Rehab collection and treatment	2,464,043	-	-	2,464,043	RD, SCDP, City
Crosby	68	Rehab collection and lift stations	738,432	613,432	-	125,000	IRRRB
Eagle Bend	57	Rehab collection, Ph 1	336,077	67,215	-	268,862	WIF
Elk River	31	Rehab treatment, advanced treatment	18,886,302	-	-	18,886,302	PSIG, City
Grand Lake Twp - Caribou Lake	53	Unsewered, potential SSTS	1,986,540	-	-	1,986,540	PSIG, SmComm
Madison	46	Rehab treatment system	4,535,465	1,074,997	-	3,460,468	WIF
MCES 1-MN-310/320	51	Interceptor improvements	100,000	100,000	-	-	
MCES Blue Lake Int. System Improv	46	Interceptor improvements (14 subprojects)	15,550,000	15,550,000	-	-	
MCES Burnsville Interceptor Rehab	45	Interceptor improvements	2,250,000	2,250,000	-	-	
MCES Empire WWTP Solids Impro	44	Biosolids improvements	2,500,000	2,500,000	-	-	
MCES Golden Valley Area Imp	51	Interceptor improvements (2 subprojects)	8,080,000	8,080,000	-	-	
MCES Hopkins System Improver	46	Interceptor improvements (5 subprojects)	12,000,000	12,000,000	-	-	
MCES Lift stations L7,L13,L30,L35	45	Lift stations improvements (3 subprojects)	2,250,000	2,250,000	-	-	
MCES Mpls Interceptor 1	51	Rehab Mpls interceptor 1 (3 subprojects)	2,050,000	2,050,000	-	-	
MCES Mpls Interceptor 2	51	Reg R06, R10, R12; Rehab 1-MN344 (3 subprojects)	5,320,000	5,320,000	-	-	
MCES MWWTP Rehab & Facilities	46	Treatment improvements (12 subprojects)	9,750,000	9,750,000	-	-	
MCES MWWTP Solids Processing I	46	Treatment improvements	500,000	500,000	-	-	
MCES Seneca Area System Rehab	50	System rehab, Phases 3, 4, 5 (2 subprojects)	3,900,000	3,900,000	-	-	
MCES Seneca Solids Processing Im	45	Seneca Solids Processing Pha: (3 subprojects)	3,750,000	3,750,000	-	-	
MCES St. Bonifacius LS/FM Rehab	46	Rehab lift station and forcemain	2,000,000	2,000,000	-	-	
Monticello	41	Rehab facility, advanced treatment	3,556,526	2,391,483	-	1,165,043	PSIG
Moose Lake	66	Rehab facility, advanced treatment	3,009,316	2,562,402	-	446,914	PSIG
New York Mills	55	Rehab collection system	1,305,832	1,305,832	-	-	
Ogilvie	85	Rehab collection system	2,119,000	-	-	2,119,000	WIF, RD
Perham	45	Rehab collection system, southside	1,169,522	1,169,522	-	-	
Red Rock Twp - Nicolville	100	Unsewered, ph 2 corrective action	197,788	-	-	197,788	SmComm
Sacred Heart	81	Rehab collection and treatment	5,661,000	-	-	5,661,000	WIF, RD
Seaforth	80	Corrective action	820,000	-	-	820,000	WIF, RD
Tracy	88	Rehab collection and treatment	10,033,000	-	-	10,033,000	RD
Vernon Center	59	Rehab collection and treatment	399,492	399,492	-	-	
Wadena	56	Rehab collection system	4,102,252	4,102,252	-	-	
Wadena - Stormwater (GPR)	49	Bioinfiltration,reduce impervious surfaces(GPR)	5,418,242	4,418,242	1,000,000	-	
Waterville	48	Rehab facility, advanced treatment	13,422,223	7,402,633	2,133,580	3,886,010	WIF, PSIG
Waverly	53	Rehab collection Ph 1, N.Shore Drive	614,210	122,842	-	491,368	WIF
WLSSD - Pump Station Improvemet	56	Esko Pump Station Replacement	3,290,550	2,132,276	1,158,274	-	
WLSSD-Plant Imp 2 (GPR)	56	Plant Heating and Biogas Conditioning -GPR	11,156,620	7,029,490	4,127,130	-	
	78	Projects	168,597,952	106,062,264	8,418,984	54,116,704	

BWSR = MN Board of Water and Soil Resources

CWRP = Clean Water Revolving Fund (PFA)

CWRP/GPR = Clean Water Revolving Fund &amp; Green Project Reserve (PFA)

CWRP/PF = Clean Water Revolving Fund &amp; Principal Forgiveness (PFA)

IRRRB = Iron Range Resource &amp; Rehabilitation Board

PSIG = Clean Water Legacy Fund - Point Source Implementation Grant (PFA)

RD = USDA Rural Development

SmComm = Clean Water Legacy Fund - Small Community Wastewater Treatment Program (PFA)

SCDP = Small Cities Development Program (DEED)

WIF = Wastewater Infrastructure Fund (PFA)

## **V. Nonpoint Source Programs**

### *A. Clean Water Partnership Loan Program*

The Clean Water Partnership (CWP) loan program is administered by the MPCA to help local units of government address nonpoint source pollution problems. Loans can be made to counties, cities, watershed districts, and joint powers organizations that have an approved CWP diagnostic study/implementation plan or equivalent report. Loan funds may be used to implement a variety of best management practices (BMPs) such as sedimentation basins and detention ponds, replacement of failing individual sewage treatment systems, lakeshore landscaping for erosion control and stabilization, streambank stabilization, in-stream and in-lake chemical treatment and aeration, forestry and parkland BMPs, and groundwater aquifer recharge area BMPs. The interest rate on CWP loans is 2%, with the term varying depending on the project.

Since 1996 the PFA has allocated \$35.1 million in CWRP funds to the CWP loan program, which has generated over \$57 million in loans. Annual loan repayments are nearly \$3 million which are available to make new loans. MPCA staff have determined that funds are revolving at a level sufficient to meet current loan demand. Therefore, the MPCA has confirmed that it will not request a new allocation in 2017. The need for new money for the program will be reevaluated in 2018.

### *B. Agriculture Best Management Practices Loan Program*

The Agriculture Best Management Practices (AgBMP) loan program is administered by the Minnesota Department of Agriculture to assist farmers and rural landowners in implementing best management practices (BMPs) that will benefit water quality. Allocations of SRF funds are made to counties, soil and water conservation districts, and joint powers organizations to capitalize revolving loan accounts to implement local comprehensive water plans, which are a component of Minnesota's Nonpoint Source Management Program (319 plan). The local units of government approve projects proposed by farmers, rural landowners and agriculture supply businesses that implement priority BMPs to prevent or mitigate nonpoint source pollution to surface or ground waters. Approved projects are then referred to cooperating local financial institutions that provide low interest loans to finance the completed project. Examples of eligible BMPs include animal waste control systems; structural conservation practices such as waterways, erosion and sediment control basins and terraces; repair of failing individual septic systems; and abandoned well sealing.

The Department of Agriculture lends funds at zero percent interest for up to 20 years to local governments to capitalize revolving loan accounts. Potential borrowers must contact their local government to obtain a certification of project eligibility and then apply to the designated local lender who will evaluate the financial credit worthiness of the project. Local lenders may charge borrowers up to 3% interest and other fees for underwriting the loan.

Since 1996 the PFA has allocated \$53.8 million in CWRP funds to the AgBMP program, which has generated over \$174 million in loans. Counting both funds that revolve at the local level and repayments that come back to the Department, the program receives loan repayments in excess



of \$6 million per year which are available to make new loans. Department of Agriculture staff have determined that funds are revolving at a level sufficient to meet current loan demand. Therefore, the Department has confirmed that it will not request a new allocation in 2017. The need for new money for the program will be reevaluated in 2018.

### *C. Tourism Loan Program*

The Tourism Loan Program is administered by the Department of Employment and Economic Development (DEED) to provide loans to tourism related businesses to improve and replace septic systems. Program funds are used in conjunction loans from private financial institutions. The interest rate on the program funds is 2%. The rate on the bank loan is negotiated between the bank and the borrower. The PFA provided an initial \$750,000 to capitalize the program. Funds have all been disbursed and loan repayments continue to be available on a revolving basis. No new funds will be provided to the program in FY 2017.

## **VI. Financial Status of the Fund**

Table 2 (page 16) shows the sources and uses of funds in the CWRP for FY 2016, total amounts from the beginning of the program in FY 1989 through FY 2016, and the estimated amounts for FY 2017.

The PFA has developed a financial model to estimate the average annual lending capacity of the CWRP based on the current assets in the Fund and reasonably expected future levels of federal and state funds. Based on that model, the PFA currently estimates the average CWRP lending capacity to be approximately \$94 million per year in perpetuity, assuming no new state or federal funds are received. In most years, the PFA has used its reserves and bonding authority to make loans at higher levels based on strong demand.

Given the uncertainty of future state and federal support, at this time the 2017 IUP fundable range only includes the 37 carryover projects totaling \$103 million in Part A of Table 1. The PFA will fund these carryover projects when they are ready to proceed. While the amount is above the sustainable lending capacity of the Fund, it is within a manageable level that the Fund can support in the short term. In the long term however, without continued federal and state support for the program, funding projects beyond the Fund's average lending capacity will decrease its future lending capacity.

## **VII. Environmental Benefits**

At a minimum, the PFA expects to achieve the following outputs and outcomes through the projects and programs described in the 2017 Intended Use Plan.

1. **Output:** The PFA expects to fund approximately 4 projects totaling \$30 million that must meet wasteload reduction requirements to comply with approved Total Maximum Daily Load (TMDL) Implementation Plans, advanced treatment or MPCA Water Quality Based Effluent Limits.

**Outcome:** These projects will help restore impaired waters.

2. **Output:** The PFA expects to fund approximately 31 projects to rehabilitate and expand existing wastewater collection and treatment facilities, or to replace existing treatment facilities with new facilities or connections to other existing treatment systems. The total amount of these loans is expected to be approximately \$73 million.  
**Outcome:** These projects will ensure these systems are able to continue to meet water quality standards in the most effective and efficient manner. These projects will also provide additional capacity to help prevent bypass events of partially treated wastewater.
3. **Output:** Through their nonpoint source loan programs, the MPCA and Department of Agriculture expect to fund approximately 35 loans to replace an estimated 175 noncompliant septic systems with new subsurface sewage treatment systems (SSTS) meeting the requirements of Minnesota Rules Chapter 7080. The total amount of these loans is expected to be approximately \$2.1 million.  
**Outcome:** These projects will eliminate problems caused by noncompliant SSTS in the project areas and will result in adequate wastewater treatment for residents in these areas.
4. **Output:** Through their nonpoint source loan programs, the MPCA and Department of Agriculture expect to fund approximately 35 loans that will result in an estimated 85 projects to implement a variety of nonpoint source measures, including construction of animal feedlots, conservation tillage and other agricultural cropland best management practices, and hydro-modification projects. The total amount of these loans is expected to be approximately \$4 million.  
**Outcome:** These projects will reduce nonpoint source pollution in the watersheds where these projects are located.

### VIII. Goals of the Clean Water Revolving Fund

The member agencies of the PFA are committed to using the Clean Water Revolving Fund as effectively as possible to protect, preserve and improve water resources in the State. The agencies will work to bring together federal, state, local and private resources to meet these goals.

#### A. *Environmental goals*

1. To utilize the assets of the Fund so that the State employs a balanced approach to improving Minnesota's waters by financing both point source and nonpoint source projects.

#### B. *Financial goals*

1. To make funds available to as many high-priority projects as possible while maintaining a sustainable funding level.
2. To administer the fund so that its revolving nature is assured in perpetuity.

#### C. *Program goals*

1. To apply a variety of delivery mechanisms to best reach and serve different types of clientele.

**IX. Cross-Collateralization**

As permitted by Congress in legislation approved in 1997, the PFA has cross-collateralized the bonds sold for the Water Pollution Control Revolving Fund and the Drinking Water Revolving Fund. The purpose is to enhance the security of bonds sold for both programs, thereby improving the credit rating and reducing the interest rate on the bonds. This will allow the PFA to pass on the best possible interest rates to its borrowers. The revenues from loan repayments in each program are pledged to the bonds for that program and remain in each respective bond fund to the extent required in the bond indenture. After the revenues in each program have been used to make the PFA's debt service payments on the bonds and meet all other payment and coverage requirements under the bond indenture, funds in excess of these requirements may be held as surplus funds. These surplus funds from one program can then be used to cover a default in the other program.

Given the coverage requirements the PFA must meet for its bonds, the general obligation pledges provided by the borrowers, and the financial management practices of the PFA (as reflected by the AAA rating of its bonds), it is very unlikely that a default would occur. The cross-collateralization of the two programs provides even more assurance to the bondholders and enhances the financial strength of the programs.

**X. Attached Tables and Appendix**

Table 1: 2017 IUP Project List (pages 13-15)

Table 2: Sources and Uses of Funds (page 16)

Appendix: Minnesota Pollution Control Agency 2017 Project Priority List

**XI. Websites for Further Information**

Minnesota Public Facilities Authority: [www.mn.gov/deed/pfa](http://www.mn.gov/deed/pfa)

MPCA CWRP Point Source (Wastewater/Stormwater) Financing:

[www.pca.state.mn.us/ppf](http://www.pca.state.mn.us/ppf)

MPCA Clean Water Partnership Loan Program:

[www.pca.state.mn.us/water/cwp-319.html](http://www.pca.state.mn.us/water/cwp-319.html)

MDA Agriculture BMP Loan Program: [www.mda.state.mn.us/grants/loans/agbmploan](http://www.mda.state.mn.us/grants/loans/agbmploan)

## **XII. Questions and Comments**

Questions or comments regarding the 2017 IUP should be directed to:

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**CWRF 2017 Intended Use Plan**  
**Table 1. Project List**

*DRAFT - 8/30/2016*

Project Name	MPCA 2017 PPL Rank	MPCA 2017 PPL Points	Project Description	PFA Project Number	Est. Const Start Date	Estimated Project Cost (\$)	Requested / Estimated CWRF Financing (\$)	GPR Eligible Cost Identified By Applicant (1) (\$)
<b>PART A: Carryover Projects From 2016 IUP</b>								
WLSSD - Interceptor Improvements	3.2	91	Ph 4, Scanlon interceptor rehab	279633-PS07	May-16	4,964,308	3,216,872	-
Minneota	4	88	Rehab collection system	280270-PS01	Apr-16	2,144,302	1,412,179	-
Central Iron Range SD	6	86	Advanced treatment - mercury	279367-PS03	Mar-16	5,030,626	2,705,354	-
Pipestone	22	78	Rehab collection system	280334-PS01	Oct-15	1,061,741	893,050	-
Jackson	32	71	Unsewered area, sewer extension	279859-PS01	Sep-15	2,236,346	760,358	-
Willmar	47	66	Rehab lift stations, Ph 1	280312-PS01	May-16	1,046,528	1,046,528	-
Afton	48	66	Unsewered, collection and treatment	279825-PS01	Sep-16	7,178,395	3,178,396	7,178,396
Saint James	49	66	Rehab collection system	280304-PS01	May-16	2,900,000	2,900,000	-
Chisholm - Lakeview	50	66	Rehab collection system	280310-PS01	Jun-17	3,904,284	3,904,284	-
Warren	85	58	Rehab collection system	280329-PS01	May-16	380,999	380,999	-
Elbow Lake - Division Street	86	58	Rehab collection system	279446-PS01	Jun-17	665,000	665,000	-
WLSSD - Treatment Plant Imp 2	99.1	56	WWTP-Screw Pump Improvements	280285-PS05	Jul-16	1,046,465	1,046,465	-
WLSSD - Pump Station Improvements	100.1	56	Pump Station Upgrade-Wrenshall	279663-PS02	Jul-16	969,635	969,635	-
Walker	107	55	Rehab collection system	279875-PS02	May-16	3,305,790	3,305,790	-
Osakis	115	53	Rehab collection system	280338-PS01	May-15	525,048	525,048	-
Hallock	121	53	Rehab collection system	280315-PS01	May-16	599,946	599,946	-
Waverly	122	53	Rehab collection Ph 2, N.Shore Drive	280272-PS02	May-17	1,941,206	1,941,206	-
MCES Mpls Interceptor 2	127	51	Interceptor Improvements	280213	Sep-14	1,900,000	1,900,000	-
MCES 1-MN-310/320	128	51	Interceptor improvements	279768	Jun-15	250,000	250,000	-
MCES Golden Valley Area Imp	129	51	Interceptor improvements	279770	Jan-14	2,050,000	2,050,000	-
MCES Seneca Area System Rehab	138	50	System rehab, Phases 3, 4, 5	280267	Feb-15	2,025,000	2,025,000	-
Afton - Stormwater	152	48	Downtown stormwater treatment areas	280220-PS01	Jun-16	1,399,753	1,399,753	1,399,753
MCES MWWTP Rehab & Facilities Imp	165	46	Treatment improvements	279435	Jul-12	3,875,000	3,875,000	-
MCES MWWTP Solids Processing Improvem	166	46	Treatment improvements	272355	NA	100,000	100,000	-
MCES Hopkins System Improvements	168	46	Interceptor improvements	272493	Aug-12	5,525,000	5,525,000	-
MCES Blue Lake Int. System Improvements	170	46	Interceptor improvements	279356	May-13	12,245,000	12,245,000	-
Saint Cloud	172	46	Main lift station improvements	280322-PS01	May-16	4,651,803	4,062,885	-
MCES St. Bonifacius LS/FM Rehab	176	46	Rehab lift station and forcemain	280269	Jun-15	2,750,000	2,750,000	-
East Grand Forks	179	46	Interconnect to Grand Forks	279499-PS02	Aug-16	6,997,323	6,997,323	-
MCES Seneca Solids Processing Improveme	186	45	Seneca Solids Processing Imp	280266	Jun-16	5,300,000	5,300,000	-
MCES Lift stations L7,L13,L30,L35,L66	187	45	Lift stations improvements	279769	Jun-13	850,000	850,000	-
MCES Burnsville Interceptor Rehab	188	45	Interceptor improvements	280212	Oct-13	25,000	25,000	-
MCES Empire WWTP Solids Improvements	193	44	Biosolids improvements	280268	Jun-15	500,000	500,000	-

**CWRF 2017 Intended Use Plan**  
**Table 1. Project List**

*DRAFT - 8/30/2016*

Project Name	MPCA 2017 PPL Rank	MPCA 2017 PPL Points	Project Description	PFA Project Number	Est. Const Start Date	Estimated Project Cost (\$)	Requested / Estimated CWRF Financing (\$)	GPR Eligible Cost Identified By Applicant (1) (\$)
Saint Francis	194	44	Rehab/expand treatment system	280291-PS01	Jul-15	24,982,915	21,982,915	-
Aitkin	196	44	Rehab collection system	279862-PS01	Jun-16	826,592	826,952	-
Frazee	214	40	Rehab collection system	280166-PS01	May-16	418,506	418,506	-
Heron Lake	226	38	Rehab collection and treatment	280316-PS01	Oct-16	1,448,000	1,448,000	-
<b>PART B: New Project Requests (not fundable at this time)</b>								
WLSSD - Interceptor Improvements	3.3	91	Rice Lake interceptor	279633-PS08	Jun-17	1,366,000	1,366,000	-
WLSSD - Interceptor Improvements	3.4	91	Woodland interceptor	279633-PS09	Jun-17	1,268,000	1,268,000	-
WLSSD - Interceptor Improvements	3.5	91	Miscellaneous interceptors	279633-PS10	Jun-17	1,463,950	1,463,950	-
Gilbert	7	86	Advanced treatment - mercury	280255-PS01	May-18	8,545,000	8,545,000	-
Detroit Lakes	9	83	Rehab WWTF, Adv trmt - phosphorus	280313-PS01	Jul-17	36,237,832	36,237,832	-
Mountain Lake	11	83	New WWTF	279868-PS02	Jul-17	11,220,000	11,220,000	-
Rice Lake	12	81	Rehab collection, remove lift station	280161-PS01	Nov-16	530,068	530,068	-
Winnebago	19	79	Rehab collection system in NW	280332-PS01	Jun-17	1,860,000	1,860,000	-
Granite Falls 1	27	74	Biosolids storage and I/I removal	280214-PS01	May-16	3,000,000	3,000,000	-
Canby	41	68	Rehab collection system	280222-PS02	Jun-17	4,196,700	4,196,700	-
Crosby	44	68	Rehab collection, Ph2	280271-PS02	May-17	800,000	800,000	-
Waseca	45	68	Rehab collection system	280300-PS01	Apr-17	3,751,026	3,751,026	-
Willmar	47	66	Lift stations, Ph2 (fairgrounds, Armory & Gordon A	280312-PS02	Apr-17	640,000	640,000	-
Erskine	53	65	Rehab collection and treatment	279755-PS01	Jun-17	259,315	259,315	-
Pelican Rapids	58	63	Rehab collection system, Ph 2	279468-PS02	Jun-17	850,000	850,000	-
Pelican Rapids	59	63	Rehab collection system	280354-PS01	Jun-17	3,955,000	3,955,000	-
Lake Park	65	61	Rehab collection system	279765-PS02	May-17	1,783,000	1,783,000	-
Fountain	70	60	Treatment facility corrective action	279411-PS02	Apr-17	556,121	183,500	-
Albert Lea - Stables Area	73	59	Unsewered area, sewer extension	279701-PS01	Jul-17	1,778,000	1,778,000	-
Redwood Falls	76	59	Rehab WWTF, Adv trmt - phosphorus	280356-PS01	May-17	17,506,400	17,506,400	-
Blue Earth	93	57	Rehab treatment system	280514-PS01	May-17	5,150,000	5,150,000	-
Stewart	95	57	Rehab collection system	279867-PS02	Jun-17	1,512,500	1,512,500	-
Eagle Bend	96	57	Rehab collection, Ph 2	280278-PS02	Jun-17	2,485,000	2,485,000	-
Coleraine Bovey Taconite Joint WW Commis	97	56	Rehab collection and treatment	280303-PS01	Jun-17	3,347,177	3,347,177	2,530,000
WLSSD - Treatment Plant Imp 2	99	56	Rehab treatment, energy improvements	280285-PS00	Jun-17	23,506,099	23,506,099	-
Kasson	102	56	Expand WWTF, regionalize with Mantorville	280317-PS01	Sep-17	3,303,987	3,303,987	55,000
Saint Leo	113	53	Rehab collection system	280352-PS01	Jun-16	669,000	669,000	-
Osakis	116	53	Rehab collection system	280512-PS01	May-17	725,200	725,200	-
Le Sueur County - West Jefferson Lake	125	52	Unsewered, connect to Cleveland	280335-PS01	Jun-17	4,468,000	4,468,000	-

**CWRF 2017 Intended Use Plan**  
**Table 1. Project List**

*DRAFT - 8/30/2016*

Project Name	MPCA 2017 PPL Rank	MPCA 2017 PPL Points	Project Description	PFA Project Number	Est. Const Start Date	Estimated Project Cost (\$)	Requested / Estimated CWRF Financing (\$)	GPR Eligible Cost Identified By Applicant (1) (\$)
Blooming Prairie	134	51	Rehab collection system	280232-PS01	Jun-17	2,933,400	2,933,400	-
Mantorville	142	49	Regionalize with Kasson	280318-PS01	Sep-17	2,221,675	2,221,675	-
Atwater	156	48	Rehab collection, Ph 3	272614-PS03	Jul-17	1,077,563	1,077,563	-
MCES MWWTP Rehab & Facilities Imp	165	46	Treatment improvements	279435	Sep-16	2,080,000	2,080,000	-
MCES MWWTP Asset Renewal	167	46	Rehab treatment system	280346	Nov-16	3,500,000	3,500,000	-
MCES Blue Lake Int. System Improvements	170	46	Interceptor improvements	279356	Mar-18	875,000	875,000	-
MCES St Paul Interceptor	171	46	Interceptor improvements	280347	Oct-16	12,150,000	12,150,000	-
Winnebago - Stormwater	178	46	Bioinfiltration swales and treatment area	280331-PS01	Jun-17	2,275,000	2,275,000	-
Red Lake Falls	180	46	Rehab collection system	280503-PS01	May-17	1,215,785	1,215,785	-
Perham	190	45	Rehab collection system	280355-PS01	Jun-17	3,110,000	3,110,000	-
Henning	191	45	Rehab collection system	280502-PS01	Jun-17	914,450	914,450	-
Mahnomen	209	43	Rehab collection system	279684-PS01	Jun-17	4,924,358	4,924,358	-
Deer River	210	43	Pond expansion and improvements	272596-PS01	Jun-17	4,817,850	4,817,850	-
Babbitt	251	33	Rehab treatment	280306-PS01	May-17	600,000	600,000	-
<b>2017 IUP Summary</b>					<b>Number</b>	<b>Estimated Project Cost</b>	<b>Requested CWRF Financing</b>	<b>Estimated GPR Eligible Cost</b>
PART A: Carryover Projects From 2016 IUP					37	118,020,511	103,982,444	8,578,149
PART B: New Project Requests (not fundable at this time)					43	189,428,456	189,055,835	2,585,000
Total IUP Requests					80	307,448,967	293,038,279	11,163,149
Notes:								
(1) These applicants have identified this cost in their IUP request as potentially eligible for funding under the Green Project Reserve. The MPCA has not yet made a final determination as to the GPR eligibility for the identified project components.								

**CWRF 2017 Intended Use Plan**  
**Table 2. Sources and Uses of Funds**

**DRAFT 08/30/2016**

<b>Sources</b>	<b>FY 2016</b>	<b>Totals, FY 1989-2016</b>	<b>Estimated FY 2017</b>
Capitalization:			
Federal Capitalization Grants <sup>(1)</sup>	24,558,000	768,496,393	-
State Match <sup>(2)</sup>	-	186,708,942	-
capitalization sub-total	24,558,000	955,205,335	-
Revenue Bond Proceeds (net) <sup>(3)</sup>	176,299,298	1,680,121,500	-
Net Fund Revenues:			
Loan Repayments	113,383,383	2,044,244,717	120,474,489
Investment Interest	2,703,003	278,972,313	3,833,620
Federal BABS subsidy	1,328,097	7,437,843	1,326,484
Bond Debt Service <sup>(3)</sup>	(180,684,742)	(1,675,314,942)	(104,939,700)
net revenues sub-total	(63,270,258)	655,339,931	20,694,893
Total Sources	137,587,040	3,290,666,766	20,694,893
<b>Uses</b>	<b>FY 2016</b>	<b>Totals, FY 1989-2016</b>	<b>Estimated FY 2017</b>
Point Source Project Binding Commitments: <sup>(4)</sup>			
Loans	100,614,422	2,853,216,890	100,768,367
Principal Forgiveness <sup>(5)</sup>	3,133,580	61,311,939	3,214,077
point source project subtotal	103,748,002	2,914,528,829	103,982,444
Allocated to Nonpoint Source Loan Programs:			
Agriculture Best Mgmt Practices (MDA)	-	53,809,195	-
Clean Water Partnership (MPCA)	-	35,922,622	-
Tourism Loan Program (DEED)	-	750,000	-
nonpoint source sub-total	-	90,481,817	-
Program Administration <sup>(6)</sup>	-	14,272,689	-
Account balances:			
Debt Service Reserve Requirement per Bond Resolution	(65,530,625)	57,163,000	-
Revenue Account and lendable reserves	99,369,663	214,220,431	(83,287,551)
account balances sub-total	33,839,038	271,383,431	(83,287,551)
Total Uses	137,587,040	3,290,666,766	20,694,893

**Notes:**

- (1) The federal capitalization grant shown in FY 2016 is the 2016 grant which was received in June 2016. Congress has not yet appropriated funds for 2017.
- (2) State funds in excess of the required match to the cumulative federal grants have already been deposited to the CWRF and expended, or encumbered for eligible projects. The 2016 federal grant funds will be obligated for multiple projects and the State will draw 100% of those funds as eligible costs are incurred for those projects.
- (3) Revenue Bond Proceeds (net), and Bond Debt Service are net of potential refunding activity and debt service reflects the CWRF advance to DWRF Sep 2015 for bond calls.
- (4) Binding commitments are recorded when both the PFA and the recipient have signed a financing agreement, after the project has been certified by the MPCA and as-bid costs are submitted to the PFA. Actual binding commitments for 2016 were \$103,748,002. The amount shown is the net amount which includes decreases to prior years' binding commitments.
- (5) Includes principal forgiveness funds from 2015 and 2016 federal capitalization grants.
- (6) Monies from within the CWRF used for program administration expenses from the allowable admin set-aside (up to 4% of federal capitalization grants).



**Minnesota Pollution Control Agency  
2017 Project Priority List**

Priority Order: pages 1-5  
Alphabetical Order: pages 6-14

# 2017 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
1	Lakefield	Advanced treatment - phosphorus	280274	98	\$ 4,140,205
2	Trimont	Rehab collection and treatment	279800	93	\$ 7,599,000
3	WLSSD - Interceptor Improvements	Rehab interceptors	279633	91	\$ 15,968,960
4	Minneota	Rehab collection system	280270	88	\$ 2,144,302
5	Tracy	Rehab/expand existing system	279575	88	\$ 11,500,000
6	Central Iron Range SD	Advanced treatment - mercury	279367	86	\$ 5,030,626
7	Gilbert	Advanced treatment - mercury	280255	86	\$ 8,545,000
8	Ogilvie	Rehab collection system	279676	85	\$ 3,742,100
9	Detroit Lakes	Rehab WWTF, Adv trmt - phosphorus	280313	83	\$ 36,237,832
10	Scanlon	Rehab collection system	280162	83	\$ 276,988
11	Mountain Lake	New WWTF	279868	83	\$ 11,220,000
12	Rice Lake	Rehab collection, remove lift station	280161	81	\$ 530,068
13	DeGraff	Unsewered, collection and treatment	280174	81	\$ 4,905,000
14	Rice Lake	Rehab collection system	280181	81	\$ 328,296
15	Wrenshall	Rehab Pioneer Drive	279812	81	\$ 90,000
16	Proctor	Rehab collection system.	280185	81	\$ 1,250,000
17	Morgan	Rehab collection and treatment	279771	81	\$ 13,600,000
18	Sacred Heart	Rehab collection and treatment, Ph2	279877	81	\$ 2,400,000
19	Winnebago	Rehab collection system in NW	280332	79	\$ 1,860,000
20	White Twp - Gardendale Utility Improv. Proj	Rehab collection system	279808	78	\$ 316,800
21	Lakefield - WTP	Adv trmt - chlorides, connect to Red Rock, RO	280525	78	\$ 10,078,575
22	Pipestone	Rehab collection system	280334	78	\$ 1,061,741
23	Steele County - Pratt	Unsewered, potential SSTS	280263	76	\$ 650,570
24	Walnut Grove	Rehab collection and treatment	279802	76	\$ 6,659,925
25	Lansing Twp - Saint Michael	Unsewered, potential SSTS	280367	75	\$ -
26	Fillmore County - Cherry Grove	Unsewered, potential SSTS	280513	75	\$ -
27	Granite Falls 1	Biosolids storage and I/I removal	280214	74	\$ 3,000,000
28	Ellendale	Rehab and expand sewer system	279447	73	\$ 960,000
29	Trosky	Unsewered, collection and treatment	279723	73	\$ 2,823,065
30	Loretto	Regionalization with MCES	279890	73	\$ 1,262,500
31	Oronoco Twp - Cedar Beach	Unsewered, potential SSTS	280230	72	\$ 1,104,157
32	Jackson	Unsewered area, sewer extension	279859	71	\$ 2,236,346
33	Minneapolis - Flow Meter	Plan/design meter improvements	279821	71	\$ 900,000
34	Minneapolis - Inflow Disconnect	Inflow disconnect from storm sewer	279726	71	\$ 6,600,000
35	Minneapolis - MN320	Plan/design collection rehab	279729	71	\$ 750,000
36	Granite Falls 2	Rehab/expand WWTF	280215	69	\$ 5,390,000
37	Lincoln Pipestone - WTP	Adv trmt - chlorides, connect to Lewis & Clark	280299	68	\$ 5,923,420
38	Maynard	Rehab collection system	280038	68	\$ 4,993,000
39	Summit Lake Twp - Reading	Unsewered, potential SSTS	280149	68	\$ -
40	Pipestone - WTP	Adv trmt - chlorides, new lime softening plant	280339	68	\$ 15,391,000
41	Canby	Rehab collection system	280222	68	\$ 4,196,700
42	Hoyt Lakes	Advanced treatment - mercury	280506	68	\$ 4,746,097
43	Currie	Rehab collection system	280311	68	\$ 1,852,460
44	Crosby	Rehab collection and lift stations	280271	68	\$ 800,000
45	Waseca	Rehab collection system	280300	68	\$ 3,751,026
46	Dawson	Rehab collection system	279752	68	\$ 5,200,000
47	Willmar	Rehab lift stations	280312	66	\$ 1,686,528
48	Afton	Unsewered, collection and treatment	279825	66	\$ 7,178,395
49	Saint James	Rehab collection system	280304	66	\$ 2,900,000
50	Chisholm - Lakeview	Rehab collection system	280310	66	\$ 3,904,284
51	Comfrey	Rehab collection system	279866	66	\$ 3,438,000
52	Ortonville	Rehab collection system	279787	65	\$ 895,000
53	Erskine	Rehab collection and treatment	279755	65	\$ 259,315
54	Cascade Twp - Hallmark Terrace	Remove pond, connect to Rochester	280054	64	\$ 500,000
55	Lamberton	Rehab collection system	279865	63	\$ 3,052,100
56	Oronoco - Area B	Unsewered, connect to WWTF	279777	63	\$ 6,865,384
57	Lucan	Rehab/expand existing ponds	272586	63	\$ 1,652,000
58	Pelican Rapids	Rehab collection system, Ph 2	279468	63	\$ 850,000
59	Pelican Rapids	Rehab collection system	280354	63	\$ 3,955,000
60	Cuyuna	Rehab collection system	280053	63	\$ 1,340,000
61	Bemidji Twp	Unsewered, potential SSTS	279887	61	\$ 350,000
62	Waldorf	Rehab collection system	279619	61	\$ 9,350,000
63	Eveleth	Rehab collection system, Garfield St	280275	61	\$ 189,707



# 2017 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
64	Newport	Rehab collection system	279656	61	\$ 950,000
65	Lake Park	Rehab collection system	279765	61	\$ 1,783,000
66	Grove City	Rehab collection and treatment	279549	61	\$ 10,079,000
67	Easton	Rehab collection system	279652	61	\$ 529,888
68	Lake of the Woods Co. - Wheelers Point	Unsewered, collection and treatment	279475	61	\$ 8,609,000
69	Bethel	Replace pond liner, monitoring well	279835	60	\$ 190,000
70	Fountain	Treatment facility corrective action	279411	60	\$ 556,121
71	Dalton	Rehab collection and treatment	279750	60	\$ 3,092,000
72	Blackduck	Rehab collection and treatment	279582	60	\$ 484,655
73	Albert Lea - Stables Area	Unsewered area, sewer extension	279701	59	\$ 1,778,000
74	Miliona Twp - South East	Unsewered, potential SSTS	279817	59	\$ -
75	North St Paul - Stormwater	Bioretention, infiltration basin	280357	59	\$ 250,000
76	Redwood Falls	Rehab WWTF, adv trmt - mercury	280356	59	\$ 17,506,400
77	Pope County - Clearwater Bay	Unsewered, potential SSTS	280060	59	\$ 732,434
78	Hawley	Rehab collection system	279763	59	\$ 716,000
79	Vernon Center	Rehab collection and treatment	279640	59	\$ 399,492
80	Dumont	Treatment facility corrective action	280240	58	\$ 3,147,000
81	Ely	Rehab collection system	279370	58	\$ 2,106,750
82	Waubun	Rehab collection system	280231	58	\$ 3,927,000
83	Rush City	Rehab collection system	279849	58	\$ 863,688
84	Hibbing	Rehab pump station	279668	58	\$ 1,506,000
85	Warren	Rehab collection system	280329	58	\$ 380,999
86	Elbow Lake - Division Street	Rehab collection system	279446	58	\$ 665,000
87	Keewatin	Rehab treatment system	280253	58	\$ 4,997,000
88	Clarissa	Rehab collection system	280277	58	\$ 2,597,000
89	Miliona	Rehab/expand collection and treatment	279852	58	\$ 2,536,000
90	Cromwell	Rehab existing system	279442	58	\$ 350,000
91	Borup	Rehab collection and treatment	280246	58	\$ 2,510,990
92	Clitherall	Unsewered, collection/trmt with ponds	279536	57	\$ 1,818,000
93	Blue Earth	Rehab treatment system	280514	57	\$ 5,150,000
94	Tower - Brietung Wastewater Board	Rehab collection and treatment	272308	57	\$ 2,327,300
95	Stewart	Rehab collection system	279867	57	\$ 1,512,500
96	Eagle Bend	Rehab collection system	280278	57	\$ 2,485,000
97	Coleraine Bovey Taconite Joint WW Commissior	Rehab collection and treatment	280303	56	\$ 3,347,177
98	Ham Lake	Unsewered, potential SSTS	279654	56	\$ 2,000,000
99	WLSSD - Treatment Plant Imp 2	Rehab treatment, energy improvements	280285	56	\$ 24,552,564
100	WLSSD - Pump Station Improvements	Rehab pump stations	279663	56	\$ 28,113,000
101	Wadena	Rehab collection system	279826	56	\$ 4,102,252
102	Kasson	Expand WWTF, regionalize with Mantorville	280317	56	\$ 3,303,987
103	Broton	Rehab collection system	280309	56	\$ 1,411,000
104	Minnehaha Creek WD - Stormwater	Blake Road diversion and treatment area	280262	56	\$ 2,546,386
105	Winthrop	Rehab collection system	280515	56	\$ 1,125,332
106	Cass County - Stony Point	Unsewered, potential SSTS	279845	55	\$ 1,200,000
107	Walker	Rehab collection system	279875	55	\$ 3,305,790
108	Ortonville - McCloud Street	Rehab collection system	279636	55	\$ 367,500
109	Brownston	Rehab collection system	280295	55	\$ 3,793,000
110	Freeport	Rehab collection system	280518	55	\$ 1,400,000
111	Kabetogama Twp - Puck's Point	Unsewered, LSTS spray/subsurface	279610	53	\$ 4,470,147
112	Austin - Turtle Creek 2	Unsewered area, sewer extension	280190	53	\$ 1,929,121
113	Saint Leo	Rehab collection system	280352	53	\$ 669,000
114	Morris - WTP	Adv trmt - chlorides, new lime softening plant	280284	53	\$ 18,800,000
115	Osakis	Rehab collection system	280338	53	\$ 525,048
116	Osakis	Rehab collection system	280512	53	\$ 725,200
117	Sandstone	Expand existing system	279518	53	\$ 16,936,000
118	Detroit Lakes	Replace lift station	279739	53	\$ 155,000
119	Barnesville	Rehab collection system	280307	53	\$ 2,210,465
120	Starbuck	Rehab collection	280505	53	\$ 2,174,000
121	Hallock	Rehab collection system	280315	53	\$ 599,946
122	Waverly	Rehab collection system, N. Shore Drive	280272	53	\$ 1,941,206
123	Darwin	Rehab collection and treatment	279562	53	\$ 2,841,375
124	Mankato - S. View Heights II	Unsewered area, sewer extension	280290	52	\$ 1,995,625
125	Le Sueur County - West Jefferson Lake	Unsewered, connect to Cleveland	280335	52	\$ 4,468,000
126	Villard Area Lakes SD	Unsewered, collection and treatment	279603	52	\$ 8,907,000



Minnesota Pollution Control Agency

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August 19, 2016  
Public comment draft

wq-wwtp2-31

# 2017 Clean Water Project Priority List (PPL)

Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
127	MCES Mpls Interceptor 2	Rehab Mpls Interceptor 2	280213	51	\$ 22,988,970
128	MCES 1-MN-310/320	Interceptor improvements	279768	51	\$ 99,633,638
129	MCES Golden Valley Area Imp	Interceptor improvements	279770	51	\$ 9,827,081
130	Saint Cloud - Interceptor	Rehab interceptor sewer	279697	51	\$ 7,500,000
131	Laketown Twp	Rehab existing collection system	279870	51	\$ 370,000
132	Center City	Relocate sewer utilities	280052	51	\$ 130,000
133	Foley	Rehab collection system	280500	51	\$ 133,000
134	Blooming Prairie	Rehab collection system	280232	51	\$ 2,933,400
135	Clarkfield	Rehab collection and treatment	280336	51	\$ 5,840,000
136	Bovey	Rehab collection system	279580	51	\$ 450,000
137	Echo	Rehab collection system	280314	51	\$ 2,775,000
138	MCES Seneca Area System Rehab	System rehab, Phases 3, 4, 5	280267	50	\$ 18,001,115
139	Stewartville	Adv trmt - phos, LS imp, EQ basin	279681	50	\$ 819,500
140	Grey Eagle	Rehab collection system, lift station	280343	50	\$ 3,150,000
141	Lake Henry	Rehab collection system	280520	50	\$ 169,400
142	Mantorville	Regionalize with Kasson	280318	49	\$ 2,221,675
143	Elysian - Stormwater	Infiltration basin	280508	49	\$ 80,000
144	Ostrander	Rehab collection system	280276	49	\$ 1,340,000
145	Wadena - Stormwater	Bioinfiltration, reduce impervious surfaces	279827	49	\$ 5,418,242
146	Pine City	Rehab collection system, lift station	280522	49	\$ 2,000,000
147	Howard Lake	Rehab collection system, Phase 2	279880	49	\$ 7,625,500
148	Oronoco - Area C	Unsewered, connect to WWTF	280327	48	\$ 2,574,519
149	Dresbach Twp	Unsewered, collection and treatment	279753	48	\$ 4,066,540
150	Oronoco - Area F	Unsewered, connect to WWTF	280326	48	\$ 3,310,096
151	Saint Martin	Rehab/expand existing system	279502	48	\$ 2,506,000
152	Afton - Stormwater	Downtown stormwater treatment areas	280220	48	\$ 1,028,000
153	Waterville	Advanced treatment, mercury	280261	48	\$ 13,422,223
154	Inver Grove Heights - Stormwater	Rain gardens, bioretention	280323	48	\$ 3,724,000
155	Bagley	Rehab collection system	280146	48	\$ 1,861,000
156	Atwater	Rehab collection system	272614	48	\$ 1,077,563
157	Isle	Rehab collection system and lift stations	280328	48	\$ 2,535,700
158	Floodwood	Rehab collection system	279832	48	\$ 275,000
159	Calumet	Rehab collection system, lift station	280351	48	\$ 160,000
160	Leaf Valley Twp - Northwest	Unsewered, potential SSTS	279816	48	\$ -
161	Moe Twp - Lobster Lake	Unsewered, potential SSTS	279738	47	\$ -
162	Wright	Unsewered, collection and treatment	272582	47	\$ 1,600,000
163	Carlos Twp	Unsewered, potential SSTS	279815	46	\$ -
164	Saint Cloud	Biosolids Improvements	280321	46	\$ 21,000,000
165	MCES MWWTP Rehab & Facilities Imp	Treatment improvements	279435	46	\$ 35,880,918
166	MCES MWWTP Solids Processing Improvement	Treatment improvements	272355	46	\$ 129,977,061
167	MCES MWWTP Asset Renewal	Rehab treatment system	280346	46	\$ 29,000,000
168	MCES Hopkins System Improvements	Interceptor improvements	272493	46	\$ 48,996,823
169	Minneapolis - War Department Tunnel	Plan/design collection rehab	279728	46	\$ 550,000
170	MCES Blue Lake Int. System Improvements	Interceptor improvements	279356	46	\$ 85,789,325
171	MCES St Paul Interceptor	Rehab collection system	280347	46	\$ 21,260,000
172	Saint Cloud	Main lift station improvements	280322	46	\$ 4,651,803
173	Austin	Rehab/expand existing system	272409	46	\$ 3,500,000
174	Hopkins-LS #4	Rehab collection system and LS	279693	46	\$ 156,652
175	Minnetrista	Rehab collection system, CIPP	280044	46	\$ 711,000
176	MCES St. Bonifacius LS/FM Rehab	Rehab lift station and forcemain	280269	46	\$ 18,547,521
177	Capitol Region WD - Stormwater	Convert dry to wet pond, iron/sand filter	280359	46	\$ 535,000
178	Winnebago - Stormwater	Bioinfiltration swales and treatment area	280331	46	\$ 2,275,000
179	East Grand Forks	Interconnect to Grand Forks	279499	46	\$ 6,997,323
180	Red Lake Falls	Rehab collection system	280503	46	\$ 1,215,785
181	Murdock	Expand treatment, add pond	279679	46	\$ 400,000
182	Silver Creek Twp - Stewart River	Unsewered, collection and treatment, LSTS	272439	46	\$ 17,385,000
183	Buhl	Rehab collection system	279550	46	\$ 1,715,500
184	Kerkhoven	Rehab treatment	280361	46	\$ 650,000
185	Foxhome	Unsewered, collection and treatment	279617	45	\$ 3,700,000
186	MCES Seneca Solids Processing Improvements	Biosolids improvements	280266	45	\$ 17,660,395
187	MCES Lift Stations L7, L13, L30, L35, L66	Lift stations improvements	279769	45	\$ 21,225,405
188	MCES Burnsville Interceptor Rehab	Interceptor improvements	280212	45	\$ 2,341,624
189	Grand Rapids	Phase II secondary treatment project	279861	45	\$ 6,800,000



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Priority Order

Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
190	Perham	Rehab collection system	280355	45	\$ 3,110,000
191	Henning	Rehab collection system	280502	45	\$ 914,450
192	Kimball	Rehab collection system, lift station	280519	45	\$ 500,000
193	MCES Empire WWTP Solids Improvements	Biosolids improvements	280268	44	\$ 14,006,584
194	Saint Francis	Rehab/expand treatment system	280291	44	\$ 24,982,915
195	Moorhead	Rehab collection systems and LS	280184	44	\$ 770,000
196	Aitkin	Rehab collection system	279862	44	\$ 826,592
197	Nashwauk	Expand existing system	272537	43	\$ 2,759,150
198	Mahnomen	Unsewered area, sewer extension	280510	43	\$ 872,719
199	Northome	Rehab collection and treatment	279592	43	\$ 4,975,000
200	Saint Paul - Stormwater	West side flats greenway	280524	43	\$ 18,000,000
201	ALASD - AGA Drive	Interceptor improvements	279736	43	\$ 706,000
202	ALASD - CR82	Interceptor improvements	279735	43	\$ 1,367,000
203	ALASD - Digester	Additional aerobic digester cell	279733	43	\$ 2,205,000
204	ALASD - TH29	Interceptor improvements	279734	43	\$ 1,325,000
205	Hoffman	Rehab collection system	280264	43	\$ 874,000
206	Watertown	Rehab/expand existing system	279514	43	\$ 9,600,000
207	Warba	Adv trmt - mercury, rehab collection, ponds	279622	43	\$ 2,278,000
208	Cologne	Expand treatment facility	280350	43	\$ 9,890,000
209	Mahnomen	Rehab collection system	279684	43	\$ 4,924,358
210	Deer River	Pond expansion and improvements	272596	43	\$ 4,817,850
211	Greenbush	Rehab collection system	279371	43	\$ 282,968
212	Warroad	Rehab/expand existing system	272473	43	\$ 4,277,313
213	Grand Marais	Rehab collection system	272477	42	\$ 645,500
214	Frazee	Rehab collection system	280166	40	\$ 418,506
215	Richmond	Rehab collection system	279612	39	\$ 573,000
216	Northern Twp - Birchmont Court	Unsewered, potential SSTS	279888	39	\$ 950,000
217	Le Roy	Rehab collection system	279834	39	\$ 521,000
218	Lake View Twp - W. Lake Melissa	Unsewered, soil-based cluster system	280061	39	\$ 750,000
219	Annandale	Rehab collection system	280273	39	\$ 626,795
220	Annandale	Rehab collection system	279850	39	\$ 1,048,200
221	Mazeppa	Rehab/expand existing system	279509	39	\$ 500,000
222	Browerville - Phase 2	Rehab treatment facility	272617	39	\$ 6,205,600
223	Northern Twp - Birchmont Beach	Unsewered, potential SSTS	279889	39	\$ 925,000
224	Stephen	Rehab/expand existing system	272496	38	\$ 1,700,000
225	Twin Valley	Rehab collection system	280244	38	\$ 460,000
226	Heron Lake	Rehab collection and treatment	280316	38	\$ 1,448,000
227	Cottonwood	Rehab lift station and collection system	279749	38	\$ 338,000
228	Onamia	Rehab collection system, lift stations	280516	38	\$ 1,783,604
229	Littlefork	Rehab collection system	280362	38	\$ 1,406,170
230	Deerwood	Rehab collection system, lift station	279632	38	\$ 150,000
231	Clearbrook	Rehab collection system	279881	38	\$ 3,034,000
232	Hamburg	Regionalize - Norwood/Young America	279452	38	\$ 2,933,000
233	Barrett	Rehab collection system	280501	38	\$ -
234	Deer Creek	Replace lift station	279830	38	\$ 170,000
235	Kelliher	Rehab collection system	279876	38	\$ 1,046,000
236	Hartland	Rehab existing system	279779	38	\$ 339,226
237	Ogema	Rehab collection system, lift station	280504	38	\$ 650,000
238	Saint James - Stormwater	Treatment areas, park irrigation	280340	37	\$ 4,200,000
239	Northern Twp - Lavinia	Unsewered, potential SSTS	279886	36	\$ 1,650,000
240	White Bear Twp	Rehab collection system	279699	36	\$ 1,107,000
241	Lindstrom	Rehab collection system	279743	36	\$ 65,000
242	Sebeka	Rehab collection system	279644	35	\$ 900,000
243	Saint Louis County - Sand Lake	Unsewered, potential SSTS	280333	35	\$ -
244	Brownsville	Rehab treatment facility	279489	34	\$ 1,210,000
245	Grasston	Rehab ponds and collection system	279879	34	\$ 1,507,000
246	Federal Dam	Rehab collection system	272280	34	\$ 1,184,000
247	Lake View Twp - N. Lake Sallie	Unsewered, potential SSTS	279646	33	\$ -
248	La Crescent	Rehab/expand existing system	272324	33	\$ 796,200
249	New London	Rehab collection system	280308	33	\$ 449,900
250	Winsted	Adv trmt - phos, LS improvements	279864	33	\$ 5,300,857
251	Babbitt	Rehab treatment	280306	33	\$ 600,000



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Rank	Project Name	Project Description	Project Number	Priority Points	Estimated Project Cost
252	Menahga	Rehab collection system	280168	33	\$ 1,180,000
253	Longville	Rehab collection system	279872	33	\$ 708,000
254	Crane Lake - Bear Island	Unsewered, potential SSTS	272618	31	\$ 3,860,000
255	Lake View Twp - Shoreham Village	Unsewered, potential SSTS	279846	31	\$ -
256	Oslo	Rehab collection system and pond	272412	31	\$ 364,000
257	Eagle Bend - Stormwater	New wet pond, permeable pavers	280509	31	\$ 1,000,000
258	Staples	Advanced treatment - mercury	280226	31	\$ 6,734,000
259	Koochiching County - Island View Voyageurs	Unsewered, connect to NKSSD	279707	30	\$ 15,000,000
260	French Twp - Wall Street	Unsewered, potential SSTS	279638	30	\$ 535,000
261	Clearwater River Watershed District	Adv trmt - nitrogen, recirculating gravel filter	280517	30	\$ 450,000
262	Buffalo	Rehab collection system	279858	30	\$ 4,600,000
263	Cokato	Expand WWTF	279616	30	\$ 4,400,000
264	Roscoe	Adv trmt - nitrogen, recirculating gravel filter	280342	30	\$ -
265	La Crescent Twp	Unsewered, potential SSTS	279641	29	\$ -
266	Lake View Twp - S. Lake Melissa	Unsewered, potential SSTS	279847	29	\$ -
267	Rose Creek	Rehab collection system	279554	29	\$ 621,925
268	Lake County - Larsmont	Unsewered, connect to WLSSD	272438	28	\$ 975,000
269	South Bend Twp	Unsewered, connect to Mankato	279797	28	\$ 3,556,000
270	Nashwauk - Phase 2	Rehab collection system	279553	28	\$ 1,243,275
271	Appleton	Rehab treatment system	280365	28	\$ 3,015,000
272	Cedar Mills	Remove tanks/wetlands, construct pond	280148	28	\$ 300,000
273	Prior Lake - Rolling Oaks	Unsewered area, sewer extension	280288	27	\$ 142,042
274	Tintah	Unsewered, potential SSTS	280523	25	\$ -
275	Annandale - Stormwater	Underground infiltration areas	280283	25	\$ 458,800
276	Long Prairie	Expand treatment facility	280521	25	\$ 7,638,000
277	Northfield	Rehab treatment	280348	24	\$ 10,828,875
278	Clear Lake/Clearwater	Rehab treatment system	280282	21	\$ 709,000
279	Sacred Heart - Stormwater	Infiltration basin	280292	21	\$ 1,540,675
280	Laporte	Rehab/expand collection and trmt	279573	20	\$ 250,000
281	Big Lake Area SD - Fond du Lac	Unsewered, connect to WLSSD	280208	16	\$ 13,399,000
282	Lindstrom - Mentzer / Melody	Unsewered, connect to CLJSD	279745	16	\$ 340,000
283	Meadowlands	Rehab existing system	279387	16	\$ -
284	Hampton	Rehab/expand existing system	272532	16	\$ -
285	Tower - Hoo-Doo Point	Unsewered, connect to Tower	272639	15	\$ 627,300
286	Bigfork	Rehab and expand ponds	279438	14	\$ 1,551,000
287	Shakopee	Unsewered area, sewer extension	280320	11	\$ -
288	Shafer	Expand WWTF	279471	11	\$ 1,865,600
289	Emily	Unsewered area, sewer extension	279882	8	\$ 1,980,000
290	Palisade	Rehab collection, expand treatment	279467	8	\$ 830,000
291	Cotton Twp	Unsewered, potential SSTS	279441	5	\$ 649,639
292	Bruno	Unsewered, pressure sewer/sand filter	279440	1	\$ 2,682,000
293	Cass County - Sugar Point	Unsewered, potential LSTS	280178	1	\$ 2,000,000
294	Crooked Lake Twp	Unsewered, potential SSTS	280196	1	\$ -
295	Kingston	Unsewered, potential SSTS	279532	1	\$ -
296	Lone Pine Township - Swan Lake	Unsewered, connect to Nashwauk	280507	1	\$ -
297	Marine on St. Croix	Rehab collection system	279686	1	\$ -
298	Nielsenville	Rehab collection system and pond	279416	1	\$ -
299	Ottertail	Unsewered, potential SSTS	272311	1	\$ 3,760,000
300	Pelican Group of Lakes Improvement District	Unsewered, collection and treatment	272581	1	\$ 16,949,850
301	Racine	Rehab/expand existing system	272608	1	\$ 520,000
302	Randolph	Unsewered, collection and treatment	272584	1	\$ 3,715,600
303	Rutledge	Unsewered, collection and treatment	272569	1	\$ 1,292,000
304	Saint Stephen	Unsewered, collection and treatment	272552	1	\$ 9,518,000
305	Silver Creek Twp - Castle Danger 2	Unsewered, connect to Silver Creek	279408	1	\$ 3,600,000
306	Tower - West T.H. 169	Unsewered, connect to Tower	279409	1	\$ 787,000
307	Westbrook	Rehab/expand existing system	272529	1	\$ -
307	Total				\$ 1,519,335,145



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Afton	48	Unsewered, collection and treatment	279825	66	\$ 7,178,395
Afton - Stormwater	152	Downtown stormwater treatment areas	280220	48	\$ 1,028,000
Aitkin	196	Rehab collection system	279862	44	\$ 826,592
ALASD - AGA Drive	201	Interceptor improvements	279736	43	\$ 706,000
ALASD - CR82	202	Interceptor improvements	279735	43	\$ 1,367,000
ALASD - Digester	203	Additional aroebic digester cell	279733	43	\$ 2,205,000
ALASD - TH29	204	Interceptor improvements	279734	43	\$ 1,325,000
Albert Lea - Stables Area	73	Unsewered area, sewer extension	279701	59	\$ 1,778,000
Annandale	219	Rehab collection system	280273	39	\$ 626,795
Annandale	220	Rehab collection system	279850	39	\$ 1,048,200
Annandale - Stormwater	275	Underground infiltration areas	280283	25	\$ 458,800
Appleton	271	Rehab treatment system	280365	28	\$ 3,015,000
Atwater	156	Rehab collection system	272614	48	\$ 1,077,563
Austin	173	Rehab/expand existing system	272409	46	\$ 3,500,000
Austin - Turtle Creek 2	112	Unsewered area, sewer extension	280190	53	\$ 1,929,121
Babbitt	251	Rehab treatment	280306	33	\$ 600,000
Bagley	155	Rehab collection system	280146	48	\$ 1,861,000
Barnesville	119	Rehab collection system	280307	53	\$ 2,210,465
Barrett	233	Rehab collection system	280501	38	\$ -
Bemidji Twp	61	Unsewered, potential SSTs	279887	61	\$ 350,000
Bethel	69	Replace pond liner, monitoring well	279835	60	\$ 190,000
Big Lake Area SD - Fond du Lac	281	Unsewered, connect to WLSSD	280208	16	\$ 13,399,000
Bigfork	286	Rehab and expand ponds	279438	14	\$ 1,551,000
Blackduck	72	Rehab collection and treatment	279582	60	\$ 484,655
Blooming Prairie	134	Rehab collection system	280232	51	\$ 2,933,400
Blue Earth	93	Rehab treatment system	280514	57	\$ 5,150,000
Borup	91	Rehab collection and treatment	280246	58	\$ 2,510,990
Bovey	136	Rehab collection system	279580	51	\$ 450,000
Brooten	103	Rehab collection system	280309	56	\$ 1,411,000
Browerville - Phase 2	222	Rehab treatment facility	272617	39	\$ 6,205,600
Brownsville	244	Rehab treatment facility	279489	34	\$ 1,210,000
Brownton	109	Rehab collection system	280295	55	\$ 3,793,000
Bruno	292	Unsewered, pressure sewer/sand filter	279440	1	\$ 2,682,000



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Buffalo	262	Rehab collection system	279858	30	\$ 4,600,000
Buhl	183	Rehab collection system	279550	46	\$ 1,715,500
Calumet	159	Rehab collection system, lift station	280351	48	\$ 160,000
Canby	41	Rehab collection system	280222	68	\$ 4,196,700
Capitol Region WD - Stormwater	177	Convert dry to wet pond, iron/sand filter	280359	46	\$ 535,000
Carlos Twp	163	Unsewered, potential SSTS	279815	46	\$ -
Cascade Twp - Hallmark Terrace	54	Remove pond, connect to Rochester	280054	64	\$ 500,000
Cass County - Stony Point	106	Unsewered, potential SSTS	279845	55	\$ 1,200,000
Cass County - Sugar Point	293	Unsewered, potential LSTS	280178	1	\$ 2,000,000
Cedar Mills	272	Remove tanks/wetlands, construct pond	280148	28	\$ 300,000
Center City	132	Relocate sewer utilities	280052	51	\$ 130,000
Central Iron Range SD	6	Advanced treatment - mercury	279367	86	\$ 5,030,626
Chisholm - Lakeview	50	Rehab collection system	280310	66	\$ 3,904,284
Clarissa	88	Rehab collection system	280277	58	\$ 2,597,000
Clarkfield	135	Rehab collection and treatment	280336	51	\$ 5,840,000
Clear Lake/Clearwater	278	Rehab treatment system	280282	21	\$ 709,000
Clearbrook	231	Rehab collection system	279881	38	\$ 3,034,000
Clearwater River Watershed District	261	Adv trmt - nitrogen, recirculating gravel filter	280517	30	\$ 450,000
Clitherall	92	Unsewered, collection/trmt with ponds	279536	57	\$ 1,818,000
Cokato	263	Expand WWTF	279616	30	\$ 4,400,000
Coleraine Bovey Taconite Joint WW Commission	97	Rehab collection and treatment	280303	56	\$ 3,347,177
Cologne	208	Expand treatment facility	280350	43	\$ 9,890,000
Comfrey	51	Rehab collection system	279866	66	\$ 3,438,000
Cotton Twp	291	Unsewered, potential SSTS	279441	5	\$ 649,639
Cottonwood	227	Rehab lift station and collection system	279749	38	\$ 338,000
Crane Lake - Bear Island	254	Unsewered, potential SSTS	272618	31	\$ 3,860,000
Cromwell	90	Rehab existing system	279442	58	\$ 350,000
Crooked Lake Twp	294	Unsewered, potential SSTS	280196	1	\$ -
Crosby	44	Rehab collection and lift stations	280271	68	\$ 800,000
Currie	43	Rehab collection system	280311	68	\$ 1,852,460
Cuyuna	60	Rehab collection system	280053	63	\$ 1,340,000
Dalton	71	Rehab collection and treatment	279750	60	\$ 3,092,000
Darwin	123	Rehab collection and treatment	279562	53	\$ 2,841,375



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Dawson	46	Rehab collection system	279752	68	\$ 5,200,000
Deer Creek	234	Replace lift station	279830	38	\$ 170,000
Deer River	210	Pond expansion and improvements	272596	43	\$ 4,817,850
Deerwood	230	Rehab collection system, lift station	279632	38	\$ 150,000
DeGraff	13	Unsewered, collection and treatment	280174	81	\$ 4,905,000
Detroit Lakes	9	Rehab WWTF, Adv trmt - phosphorus	280313	83	\$ 36,237,832
Detroit Lakes	118	Replace lift station	279739	53	\$ 155,000
Dresbach Twp	149	Unsewered, collection and treatment	279753	48	\$ 4,066,540
Dumont	80	Treatment facility corrective action	280240	58	\$ 3,147,000
Eagle Bend	96	Rehab collection system	280278	57	\$ 2,485,000
Eagle Bend - Stormwater	257	New wet pond, permeable pavers	280509	31	\$ 1,000,000
East Grand Forks	179	Interconnect to Grand Forks	279499	46	\$ 6,997,323
Easton	67	Rehab collection system	279652	61	\$ 529,888
Echo	137	Rehab collection system	280314	51	\$ 2,775,000
Elbow Lake - Division Street	86	Rehab collection system	279446	58	\$ 665,000
Ellendale	28	Rehab and expand sewer system	279447	73	\$ 960,000
Ely	81	Rehab collection system	279370	58	\$ 2,106,750
Elysian - Stormwater	143	Infiltration basin	280508	49	\$ 80,000
Emily	289	Unsewered area, sewer extension	279882	8	\$ 1,980,000
Erskine	53	Rehab collection and treatment	279755	65	\$ 259,315
Eveleth	63	Rehab collection system, Garfield St	280275	61	\$ 189,707
Federal Dam	246	Rehab collection system	272280	34	\$ 1,184,000
Fillmore County - Cherry Grove	26	Unsewered, potential SSTS	280513	75	\$ -
Floodwood	158	Rehab collection system	279832	48	\$ 275,000
Foley	133	Rehab collection system	280500	51	\$ 133,000
Fountain	70	Treatment facility corrective action	279411	60	\$ 556,121
Foxhome	185	Unsewered, collection and treatment	279617	45	\$ 3,700,000
Frazee	214	Rehab collection system	280166	40	\$ 418,506
Freeport	110	Rehab collection system	280518	55	\$ 1,400,000
French Twp - Wall Street	260	Unsewered, potential SSTS	279638	30	\$ 535,000
Gilbert	7	Advanced treatment - mercury	280255	86	\$ 8,545,000
Grand Marais	213	Rehab collection system	272477	42	\$ 645,500
Grand Rapids	189	Phase II secondary treatment project	279861	45	\$ 6,800,000



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Granite Falls 1	27	Biosolids storage and I/I removal	280214	74	\$ 3,000,000
Granite Falls 2	36	Rehab/expand WWTF	280215	69	\$ 5,390,000
Grasston	245	Rehab ponds and collection system	279879	34	\$ 1,507,000
Greenbush	211	Rehab collection system	279371	43	\$ 282,968
Grey Eagle	140	Rehab collection system, lift station	280343	50	\$ 3,150,000
Grove City	66	Rehab collection and treatment	279549	61	\$ 10,079,000
Hallock	121	Rehab collection system	280315	53	\$ 599,946
Ham Lake	98	Unsewered, potential SSTS	279654	56	\$ 2,000,000
Hamburg	232	Regionalize - Norwood/Young America	279452	38	\$ 2,933,000
Hampton	284	Rehab/expand existing system	272532	16	\$ -
Hartland	236	Rehab existing system	279779	38	\$ 339,226
Hawley	78	Rehab collection system	279763	59	\$ 716,000
Henning	191	Rehab collection system	280502	45	\$ 914,450
Heron Lake	226	Rehab collection and treatment	280316	38	\$ 1,448,000
Hibbing	84	Rehab pump station	279668	58	\$ 1,506,000
Hoffman	205	Rehab collection system	280264	43	\$ 874,000
Hopkins-LS #4	174	Rehab collection system and LS	279693	46	\$ 156,652
Howard Lake	147	Rehab collection system, Phase 2	279880	49	\$ 7,625,500
Hoyt Lakes	42	Advanced treatment - mercury	280506	68	\$ 4,746,097
Inver Grove Heights - Stormwater	154	Rain gardens, bioretention	280323	48	\$ 3,724,000
Isle	157	Rehab collection system and lift stations	280328	48	\$ 2,535,700
Jackson	32	Unsewered area, sewer extension	279859	71	\$ 2,236,346
Kabetogama Twp - Puck's Point	111	Unsewered, LSTS spray/subsurface	279610	53	\$ 4,470,147
Kasson	102	Expand WWTF, regionalize with Mantorville	280317	56	\$ 3,303,987
Keewatin	87	Rehab treatment system	280253	58	\$ 4,997,000
Kelliher	235	Rehab collection system	279876	38	\$ 1,046,000
Kerkhoven	184	Rehab treatment	280361	46	\$ 650,000
Kimball	192	Rehab collection system, lift station	280519	45	\$ 500,000
Kingston	295	Unsewered, potential SSTS	279532	1	\$ -
Koochiching County - Island View Voyageurs	259	Unsewered, connect to NKSSD	279707	30	\$ 15,000,000
La Crescent	248	Rehab/expand existing system	272324	33	\$ 796,200
La Crescent Twp	265	Unsewered, potential SSTS	279641	29	\$ -
Lake County - Larsmont	268	Unsewered, connect to WLSSD	272438	28	\$ 975,000



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Lake Henry	141	Rehab collection system	280520	50	\$ 169,400
Lake of the Woods Co. - Wheelers Point	68	Unsewered, collection and treatment	279475	61	\$ 8,609,000
Lake Park	65	Rehab collection system	279765	61	\$ 1,783,000
Lake View Twp - N. Lake Sallie	247	Unsewered, potential SSTs	279646	33	\$ -
Lake View Twp - S. Lake Melissa	266	Unsewered, potential SSTs	279847	29	\$ -
Lake View Twp - Shoreham Village	255	Unsewered, potential SSTs	279846	31	\$ -
Lake View Twp - W. Lake Melissa	218	Unsewered, soil-based cluster system	280061	39	\$ 750,000
Lakefield	1	Advanced treatment - phosphorus	280274	98	\$ 4,140,205
Lakefield - WTP	21	Adv trmt - chlorides, connect to Red Rock, RO	280525	78	\$ 10,078,575
Laketown Twp	131	Rehab existing collection system	279870	51	\$ 370,000
Lamberton	55	Rehab collection system	279865	63	\$ 3,052,100
Lansing Twp - Saint Michael	25	Unsewered, potential SSTs	280367	75	\$ -
Laporte	280	Rehab/expand collection and trmt	279573	20	\$ 250,000
Le Roy	217	Rehab collection system	279834	39	\$ 521,000
Le Sueur County - West Jefferson Lake	125	Unsewered, connect to Cleveland	280335	52	\$ 4,468,000
Leaf Valley Twp - Northwest	160	Unsewered, potential SSTs	279816	48	\$ -
Lincoln Pipestone - WTP	37	Adv trmt - chlorides, connect to Lewis & Clark	280299	68	\$ 5,923,420
Lindstrom	241	Rehab collection system	279743	36	\$ 65,000
Lindstrom - Mentzer / Melody	282	Unsewered, connect to CLJSD	279745	16	\$ 340,000
Littlefork	229	Rehab collection system	280362	38	\$ 1,406,170
Lone Pine Township - Swan Lake	296	Unsewered, connect to Nashwauk	280507	1	\$ -
Long Prairie	276	Expand treatment facility	280521	25	\$ 7,638,000
Longville	253	Rehab collection system	279872	33	\$ 708,000
Loretto	30	Regionalization with MCES	279890	73	\$ 1,262,500
Lucan	57	Rehab/expand existing ponds	272586	63	\$ 1,652,000
Mahnomen	198	Unsewered area, sewer extension	280510	43	\$ 872,719
Mahnomen	209	Rehab collection system	279684	43	\$ 4,924,358
Mankato - S. View Heights II	124	Unsewered area, sewer extension	280290	52	\$ 1,995,625
Mantorville	142	Regionalize with Kasson	280318	49	\$ 2,221,675
Marine on St. Croix	297	Rehab collection system	279686	1	\$ -
Maynard	38	Rehab collection system	280038	68	\$ 4,993,000
Mazeppa	221	Rehab/expand existing system	279509	39	\$ 500,000
MCES 1-MN-310/320	128	Interceptor improvements	279768	51	\$ 99,633,638



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MCES Blue Lake Int. System Improvements	170	Interceptor improvements	279356	46	\$ 85,789,325
MCES Burnsville Interceptor Rehab	188	Interceptor improvements	280212	45	\$ 2,341,624
MCES Empire WWTP Solids Improvements	193	Biosolids improvements	280268	44	\$ 14,006,584
MCES Golden Valley Area Imp	129	Interceptor improvements	279770	51	\$ 9,827,081
MCES Hopkins System Improvements	168	Interceptor improvements	272493	46	\$ 48,996,823
MCES Lift Stations L7, L13, L30, L35, L66	187	Lift stations improvements	279769	45	\$ 21,225,405
MCES Mpls Interceptor 2	127	Rehab Mpls Interceptor 2	280213	51	\$ 22,988,970
MCES MWWTP Asset Renewal	167	Rehab treatment system	280346	46	\$ 29,000,000
MCES MWWTP Rehab & Facilities Imp	165	Treatment improvements	279435	46	\$ 35,880,918
MCES MWWTP Solids Processing Improvements	166	Treatment improvements	272355	46	\$ 129,977,061
MCES Seneca Area System Rehab	138	System rehab, Phases 3, 4, 5	280267	50	\$ 18,001,115
MCES Seneca Solids Processing Improvements	186	Biosolids improvements	280266	45	\$ 17,660,395
MCES St Paul Interceptor	171	Rehab collection system	280347	46	\$ 21,260,000
MCES St. Bonifacius LS/FM Rehab	176	Rehab lift station and forcemain	280269	46	\$ 18,547,521
Meadowlands	283	Rehab existing system	279387	16	\$ -
Menahga	252	Rehab collection system	280168	33	\$ 1,180,000
Miltona	89	Rehab/expand collection and treatment	279852	58	\$ 2,536,000
Miltona Twp - South East	74	Unsewered, potential SSTS	279817	59	\$ -
Minneapolis - Flow Meter	33	Plan/design meter improvements	279821	71	\$ 900,000
Minneapolis - Inflow Disconnect	34	Inflow disconnect from storm sewer	279726	71	\$ 6,600,000
Minneapolis - MN320	35	Plan/design collection rehab	279729	71	\$ 750,000
Minneapolis - War Department Tunnel	169	Plan/design collection rehab	279728	46	\$ 550,000
Minnehaha Creek WD - Stormwater	104	Blake Road diversion and treatment area	280262	56	\$ 2,546,386
Minneota	4	Rehab collection system	280270	88	\$ 2,144,302
Minnetrista	175	Rehab collection system, CIPP	280044	46	\$ 711,000
Moe Twp - Lobster Lake	161	Unsewered, potential SSTS	279738	47	\$ -
Moorhead	195	Rehab collection systems and LS	280184	44	\$ 770,000
Morgan	17	Rehab collection and treatment	279771	81	\$ 13,600,000
Morris - WTP	114	Adv trmt - chlorides, new lime softening plant	280284	53	\$ 18,800,000
Mountain Lake	11	New WWTF	279868	83	\$ 11,220,000
Murdock	181	Expand treatment, add pond	279679	46	\$ 400,000
Nashwauk	197	Expand existing system	272537	43	\$ 2,759,150
Nashwauk - Phase 2	270	Rehab collection system	279553	28	\$ 1,243,275



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New London	249	Rehab collection system	280308	33	\$ 449,900
Newport	64	Rehab collection system	279656	61	\$ 950,000
Nielsville	298	Rehab collection system and pond	279416	1	\$ -
North St Paul - Stormwater	75	Bioretention, infiltration basin	280357	59	\$ 250,000
Northern Twp - Birchmont Beach	223	Unsewered, potential SSTs	279889	39	\$ 925,000
Northern Twp - Birchmont Court	216	Unsewered, potential SSTs	279888	39	\$ 950,000
Northern Twp - Lavinia	239	Unsewered, potential SSTs	279886	36	\$ 1,650,000
Northfield	277	Rehab treatment	280348	24	\$ 10,828,875
Northome	199	Rehab collection and treatment	279592	43	\$ 4,975,000
Ogema	237	Rehab collection system, lift station	280504	38	\$ 650,000
Ogilvie	8	Rehab collection system	279676	85	\$ 3,742,100
Onamia	228	Rehab collection system, lift stations	280516	38	\$ 1,783,604
Oronoco - Area B	56	Unsewered, connect to WWTF	279777	63	\$ 6,865,384
Oronoco - Area C	148	Unsewered, connect to WWTF	280327	48	\$ 2,574,519
Oronoco - Area F	150	Unsewered, connect to WWTF	280326	48	\$ 3,310,096
Oronoco Twp - Cedar Beach	31	Unsewered, potential SSTs	280230	72	\$ 1,104,157
Ortonville	52	Rehab collection system	279787	65	\$ 895,000
Ortonville - McCloud Street	108	Rehab collection system	279636	55	\$ 367,500
Osakis	115	Rehab collection system	280338	53	\$ 525,048
Osakis	116	Rehab collection system	280512	53	\$ 725,200
Oslo	256	Rehab collection system and pond	272412	31	\$ 364,000
Ostrander	144	Rehab collection system	280276	49	\$ 1,340,000
Ottertail	299	Unsewered, potential SSTs	272311	1	\$ 3,760,000
Palisade	290	Rehab collection, expand treatment	279467	8	\$ 830,000
Pelican Group of Lakes Improvement District	300	Unsewered, collection and treatment	272581	1	\$ 16,949,850
Pelican Rapids	58	Rehab collection system, Ph 2	279468	63	\$ 850,000
Pelican Rapids	59	Rehab collection system	280354	63	\$ 3,955,000
Perham	190	Rehab collection system	280355	45	\$ 3,110,000
Pine City	146	Rehab collection system, lift station	280522	49	\$ 2,000,000
Pipestone	22	Rehab collection system	280334	78	\$ 1,061,741
Pipestone - WTP	40	Adv trmt - chlorides, new lime softening plant	280339	68	\$ 15,391,000
Pope County - Clearwater Bay	77	Unsewered, potential SSTs	280060	59	\$ 732,434
Prior Lake - Rolling Oaks	273	Unsewered area, sewer extension	280288	27	\$ 142,042



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Proctor	16	Rehab collection system.	280185	81	\$ 1,250,000
Racine	301	Rehab/expand existing system	272608	1	\$ 520,000
Randolph	302	Unsewered, collection and treatment	272584	1	\$ 3,715,600
Red Lake Falls	180	Rehab collection system	280503	46	\$ 1,215,785
Redwood Falls	76	Rehab WWTF, adv trmt - mercury	280356	59	\$ 17,506,400
Rice Lake	12	Rehab collection, remove lift station	280161	81	\$ 530,068
Rice Lake	14	Rehab collection system	280181	81	\$ 328,296
Richmond	215	Rehab collection system	279612	39	\$ 573,000
Roscoe	264	Adv trmt - nitrogen, recirculating gravel filter	280342	30	\$ -
Rose Creek	267	Rehab collection system	279554	29	\$ 621,925
Rush City	83	Rehab collection system	279849	58	\$ 863,688
Rutledge	303	Unsewered, collection and treatment	272569	1	\$ 1,292,000
Sacred Heart	18	Rehab collection and treatment, Ph2	279877	81	\$ 2,400,000
Sacred Heart - Stormwater	279	Infiltration basin	280292	21	\$ 1,540,675
Saint Cloud	164	Biosolids Improvements	280321	46	\$ 21,000,000
Saint Cloud	172	Main lift station improvements	280322	46	\$ 4,651,803
Saint Cloud - Interceptor	130	Rehab interceptor sewer	279697	51	\$ 7,500,000
Saint Francis	194	Rehab/expand treatment system	280291	44	\$ 24,982,915
Saint James	49	Rehab collection system	280304	66	\$ 2,900,000
Saint James - Stormwater	238	Treatment areas, park irrigation	280340	37	\$ 4,200,000
Saint Leo	113	Rehab collection system	280352	53	\$ 669,000
Saint Louis County - Sand Lake	243	Unsewered, potential SSTs	280333	35	\$ -
Saint Martin	151	Rehab/expand existing system	279502	48	\$ 2,506,000
Saint Paul - Stormwater	200	West side flats greenway	280524	43	\$ 18,000,000
Saint Stephen	304	Unsewered, collection and treatment	272552	1	\$ 9,518,000
Sandstone	117	Expand existing system	279518	53	\$ 16,936,000
Scanlon	10	Rehab collection system	280162	83	\$ 276,988
Sebekka	242	Rehab collection system	279644	35	\$ 900,000
Shafer	288	Expand WWTF	279471	11	\$ 1,865,600
Shakopee	287	Unsewered area, sewer extension	280320	11	\$ -
Silver Creek Twp - Castle Danger 2	305	Unsewered, connect to Silver Creek	279408	1	\$ 3,600,000
Silver Creek Twp - Stewart River	182	Unsewered, collection and treatment, LSTS	272439	46	\$ 17,385,000
South Bend Twp	269	Unsewered, connect to Mankato	279797	28	\$ 3,556,000



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Staples	258	Advanced treatment - mercury	280226	31	\$ 6,734,000
Starbuck	120	Rehab collection	280505	53	\$ 2,174,000
Steele County - Pratt	23	Unsewered, potential SSTS	280263	76	\$ 650,570
Stephen	224	Rehab/expand existing system	272496	38	\$ 1,700,000
Stewart	95	Rehab collection system	279867	57	\$ 1,512,500
Stewartville	139	Adv trmt - phos, LS imp, EQ basin	279681	50	\$ 819,500
Summit Lake Twp - Reading	39	Unsewered, potential SSTS	280149	68	\$ -
Tintah	274	Unsewered, potential SSTS	280523	25	\$ -
Tower - Brietung Wastewater Board	94	Rehab collection and treatment	272308	57	\$ 2,327,300
Tower - Hoo-Doo Point	285	Unsewered, connect to Tower	272639	15	\$ 627,300
Tower - West T.H. 169	306	Unsewered, connect to Tower	279409	1	\$ 787,000
Tracy	5	Rehab/expand existing system	279575	88	\$ 11,500,000
Trimont	2	Rehab collection and treatment	279800	93	\$ 7,599,000
Trosky	29	Unsewered, collection and treatment	279723	73	\$ 2,823,065
Twin Valley	225	Rehab collection system	280244	38	\$ 460,000
Vernon Center	79	Rehab collection and treatment	279640	59	\$ 399,492
Villard Area Lakes SD	126	Unsewered, collection and treatment	279603	52	\$ 8,907,000
Wadena	101	Rehab collection system	279826	56	\$ 4,102,252
Wadena - Stormwater	145	Bioinfiltration, reduce impervious surfaces	279827	49	\$ 5,418,242
Waldorf	62	Rehab collection system	279619	61	\$ 9,350,000
Walker	107	Rehab collection system	279875	55	\$ 3,305,790
Walnut Grove	24	Rehab collection and treatment	279802	76	\$ 6,659,925
Warba	207	Adv trmt - mercury, rehab collection, ponds	279622	43	\$ 2,278,000
Warren	85	Rehab collection system	280329	58	\$ 380,999
Warroad	212	Rehab/expand existing system	272473	43	\$ 4,277,313
Waseca	45	Rehab collection system	280300	68	\$ 3,751,026
Watertown	206	Rehab/expand existing system	279514	43	\$ 9,600,000
Waterville	153	Advanced treatment, mercury	280261	48	\$ 13,422,223
Waubun	82	Rehab collection system	280231	58	\$ 3,927,000
Waverly	122	Rehab collection system, N. Shore Drive	280272	53	\$ 1,941,206
Westbrook	307	Rehab/expand existing system	272529	1	\$ -
White Bear Twp	240	Rehab collection system	279699	36	\$ 1,107,000
White Twp - Gardendale Utility Improv. Proj	20	Rehab collection system	279808	78	\$ 316,800



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Project Name	Rank	Project Description	Project Number	Priority Points	Estimated Project Cost
Willmar	47	Rehab lift stations	280312	66	\$ 1,686,528
Winnebago	19	Rehab collection system in NW	280332	79	\$ 1,860,000
Winnebago - Stormwater	178	Bioinfiltration swales and treatment area	280331	46	\$ 2,275,000
Winsted	250	Adv trmt - phos, LS improvements	279864	33	\$ 5,300,857
Winthrop	105	Rehab collection system	280515	56	\$ 1,125,332
WLSSD - Interceptor Improvements	3	Rehab interceptors	279633	91	\$ 15,968,960
WLSSD - Pump Station Improvements	100	Rehab pump stations	279663	56	\$ 28,113,000
WLSSD - Treatment Plant Imp 2	99	Rehab treatment, energy improvements	280285	56	\$ 24,552,564
Wrenshall	15	Rehab Pioneer Drive	279812	81	\$ 90,000
Wright	162	Unsewered, collection and treatment	272582	47	\$ 1,600,000
Total	307				\$ 1,519,335,145



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